IMAGE orbit 2009 151 (05/31) 20:46 UT to 2009 152 (06/01) 11:06 UT PCAP **OVAL CLEFT CUSP** QO/1**5**2 **PSPHERE** 6 MSPHERI6 06 06 22 80 08 Z(SM) Z(SM) 2 2 10 0 0 5 3 2 **- 1** 2 0 4 1 -2 -3 Y(SM) X(SM)to MAGNETOPAUSE-BLUE, to PLASMAPAUSE-RED DISTANCE in RE 5 -4 0 -5 -2PE-BLACK, F_CE-RED, F_GEO-GREEN, F_MP-BL Y(SM)1000 FREQ(kHz) 0 100 10 2 UT 20:00 RE 2.2 L 2.3 ILAT 48.5 MLAT-8.6 MLT 9.7 23:00 5.6 971.7 32:00 6.2 10.1 26:00 8.0 39.3 80.8 29:00 8.2 19.9 77.1 35:00 1.1 88.2 85.7 5.7 33.8 -29.8 21.4 71.7 38.4 9.9 63.1 50.1 10.0 10.3 5 3 2 0 X(SM)

Mon Jul 17 14:04:44 2006